

PROJECT DESCRIPTION
GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF MD 26 AT BRENBROOK DRIVE IN BALTIMORE COUNTY. MD 26 IS CONSIDERED TO RUN IN AN EAST/WEST DIRECTION.

THIS MODIFICATION IS TO INVOLVE THE RELOCATION OF PEDESTRIAN CROSSING EQUIPMENT IN THE NE AND SE CORNERS OF THE INTERSECTION DUE TO REVISIONS TO THE SIDEWALK.

INTERSECTION OPERATION

THE EXISTING TRAFFIC SIGNAL OPERATION IS TO REMAIN UNCHANGED.

SPECIAL NOTES

1. THE CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

MS. ERIN KUHN, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: 410-229-2381
MR. DONALD SCHAFER, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (410) 229-2421
MR. ANDRE FUTRELL, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: 410-229-2361
MR. MICHAEL PASQUARIELLO, UTILITY ENGINEER
PHONE: 410-229-2341
MS. CORREN JOHNSON, CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
MR. EDWARD RODENHIZER, SUPERVISOR, SIGNAL OPERATIONS
PHONE: (410) 787-7632

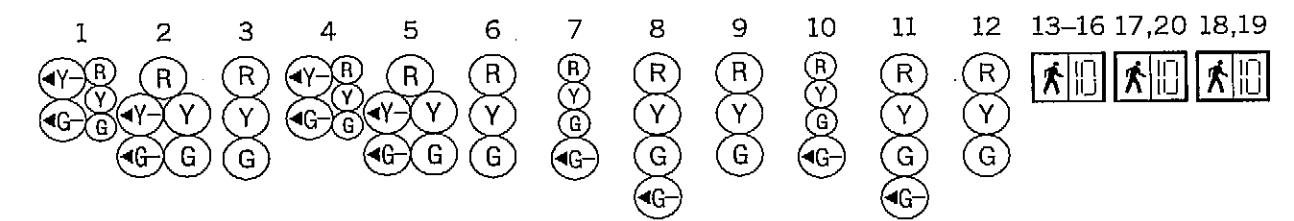
EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE MARYLAND STATE HIGHWAY ADMINISTRATION.
NONE.

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

QUANTITY	UNITS	DESCRIPTION
LUMP SUM	LS	MAINTENANCE OF TRAFFIC
LUMP SUM	LS	MOBILIZATION
1	EA	5 FT. STEEL PEDESTAL POLE WITH BREAKAWAY COUPLING BASE
2	EA	ADJUST EXISTING HANDHOLE TO NEW GRADE
150	LF	2-CONDUCTOR CABLE (NO. 14 AWG)
25	LF	2 IN. PVC CONDUIT [SCHEDULE 80] - TRENCHED
1.5	CY	CONCRETE FOUNDATION FOR TRAFFIC SIGNAL EQUIPMENT
2	EA	RELOCATE EXISTING AUDIBLE PEDESTRIAN PUSHBUTTON AND PEDESTRIAN SIGN.
1	EA	RELOCATE EXISTING PEDESTAL POLE WITH ALL ATTACHED EQUIPMENT
35	LF	RELOCATED EXISTING TRAFFIC SIGNAL CABLE
2	EA	REMOVE EXISTING CONCRETE FOUNDATION 12 INCHES BELOW GRADE
LUMP SUM	LS	REMOVE EXISTING SIGNAL EQUIPMENT

Phase Chart

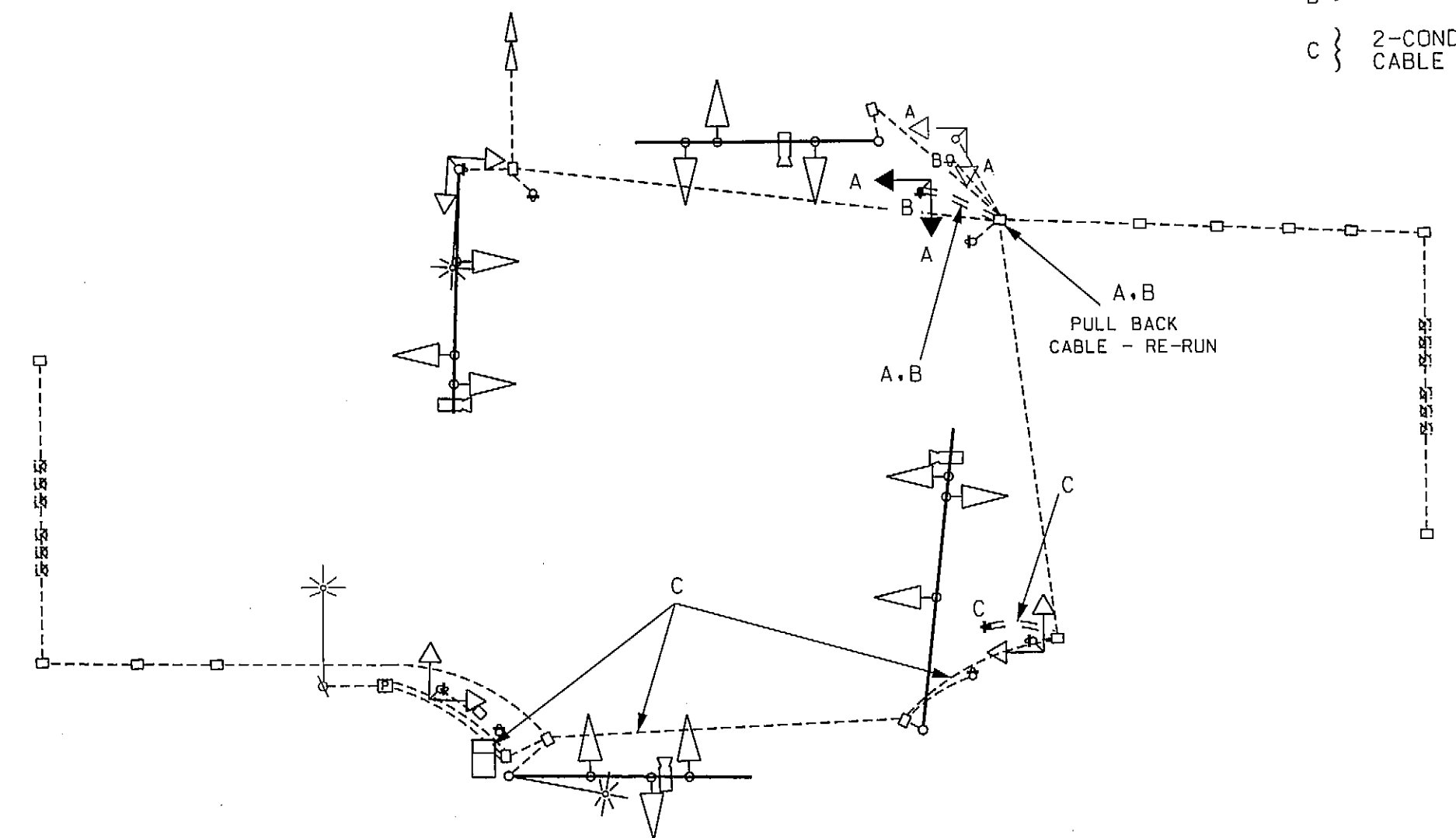


PHASE 1 AND 5	+GR	+GR	R	+GR	+GR	R	R	R	R	R	R	R	R	DW	DW	DW
1 AND 5 CHANGE TO 1 AND 6, 2 AND 5, OR 2 AND 6																
PHASE 1 AND 6	+GG	+GG	G	R	R	R	R	R	R	R	R	R	R	DW	DW	DW
1 CHANGE	+YG	+YG	G	R	R	R	R	R	R	R	R	R	R	DW	DW	DW
PHASE 2 AND 5	R	R	R	+GG	+GG	G	R	R	R	R	R	R	R	DW	DW	DW
5 CHANGE	R	R	R	+YG	+YG	G	R	R	R	R	R	R	R	DW	DW	DW
PHASE 2 AND 6	G	G	G	G	G	G	R	R	R	R	R	R	R	WK	DW	DW
PED CLEARANCE	G	G	G	G	G	G	R	R	R	R	R	R	R	FL/DW	DW	DW
2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	R	DW	DW	DW
PHASE 3	R	R	R	R	R	R	G	G	G	R	R	R	R	DW	DW	DW
3 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	R	R	R	DW	DW	DW
PHASE 4	R	R	R	R	R	R	R	R	R	R	G	G	G	DW	DW	DW
4 CHANGE	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW
PHASE 3 ALT	R	R	R	R	R	R	G	G	G	R	R	R	R	DW	DW	WK
PED CLEARANCE	R	R	R	R	R	R	G	G	G	R	R	R	R	DW	DW	FLOW
3 ALT CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	R	R	R	DW	DW	DW
PHASE 4 ALT	R	R	R	R	R	R	R	R	R	R	G	G	G	DW	WK	DW
PED CLEARANCE	R	R	R	R	R	R	R	R	R	R	G	G	G	DW	FLOW	DW
4 ALT CHANGE	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK

Wiring Diagram

KEY

- A } EXISTING TRAFFIC SIGNAL CABLE
B }
C } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)



MD-AMD Tracking No.: 11APBA00812



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 26 (Liberty Road) at BRENBROOK DRIVE

RANDALLSTOWN, MD

GENERAL INFORMATION PLAN

SCALE: N/A DATE: July 16, 2013 CONTRACT NO.: BW998MB2

DESIGNED BY: J. Dirndorfer COUNTY: BALTIMORE
DRAWN BY: J. Dirndorfer LOGMILE: 03002605.94
CHECKED BY: [Signature] TMS NO.: L912
F.A.P. NO.: N/A TOD NO.: N/A

TS NO. 555-G DRAWING SG - 01 OF 01 SHEET NO. 2 OF 2

PLOTTED: Tuesday, July 16, 2013 AT 12:20 PM
FILE: F:\2004\2004-0916\Des\TDCD\Signal plan.dgn



Tu-Hsing Huang

PROFESSIONAL CERTIFICATION -
I HEREBY CERTIFY THAT THESE PLANS WERE
PREPARED OR APPROVED BY ME, AND THAT I
AM A DULY LICENSED PROFESSIONAL ENGINEER
UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 31757
EXPIRATION DATE: 6/28/2015

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"Merging Innovation and Excellence"®

BY: JDirndorfer